National Patient Information Reporting System: National Data Warehouse

HOLLYWD Database

Technical Guide

Version 2.0

May 2008

Department of Health and Human Services

Indian Health Service

Office of Information Technology (OIT)

Contents

Version Control

Version	Date	Notes
1.0	August 2007	FY07 Contract Deliverable (D1.12.5, D1.12.7) Approved August 24, 2007
2.0	April 2007	(9/07) Updates to General Data Mart, Data Transfer Process, Encounter sections; add Non-Current Encounter Data section (1/08) Appendix A: updates to ENCTR schema tables (DX, PROCEDURE, PROVIDER) (4/08) Annual Review for General Data Mart, Error Tracking Data Mart, updates to "Data Quality Data Mart" section to reflect its development. FY08 Bridge Contract deliverable D1.7.5, 1.7.7
2.0	May 2008	COTR approval May 23, 2008

Overview

The HOLLYWD database serves as central point of access to the National Data Warehouse information for authorized users. The current data marts residing in the HOLLYWD database were developed as follows:

- **General Data Mart**

  The General Data Mart is essentially a mirror of the NDW production warehouse, and is available for use by properly approved users who are experienced in reviewing this type of data. This data mart contains "live" patient-sensitive data and is *not* scrambled and encrypted.

- **Error Tracking Data Mart**

  The Error Tracking Data Mart provides the sites, via a web application, access to the status of their exported files and data errors generated during processing and loading into the National Data Warehouse.

- **Data Quality Mart**

  The Data Quality Mart provides information on the quality of the data received that could affect the accuracy of user population and workload reporting.

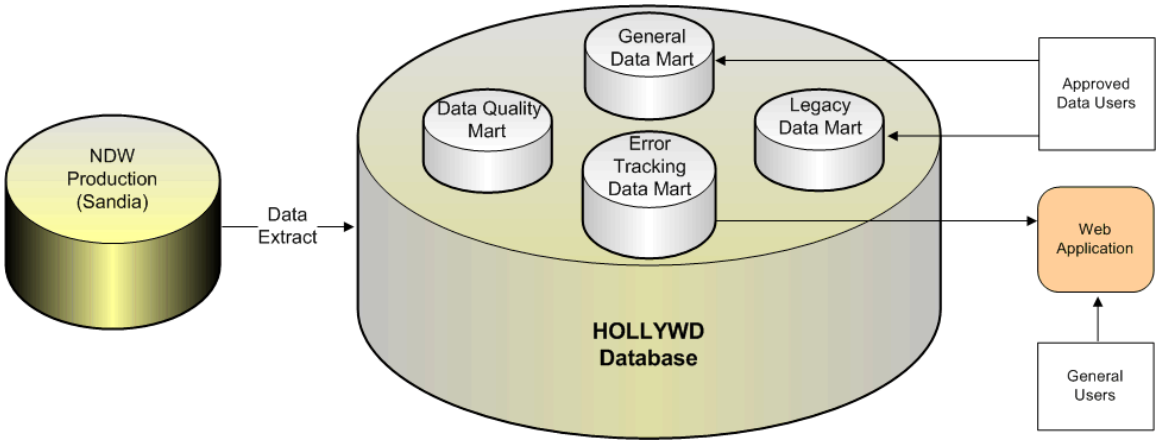
- **Legacy Data Mart**

  The Legacy Data Mart is available for critical clinical and historical queries/purposes. This data mart contains usable data that is dated prior to the data in the National Data Warehouse.

The HOLLYWD database utilizes Materialized Query Tables (MQTs), views, and physical tables of the data required for its associated data marts. This approach is designed to maximize the Indian Health Service's investment in its storage devices. Since only one set of extracts is required, considerably less storage space is required. This also reduces the CPU loading on the NDW (National Data Warehouse), freeing it for other uses and analyses.

Future government needs will dictate whether additional data views or marts will be developed.

The following figure illustrates the current contents of the HOLLYWD database:



IMPORTANT
The HOLLYWD database contains a copy of ***LIVE*** production data.
No scrambling, cleansing, encryption; or other methodology is used to disguise patient identifiable data.

Design Parameters

- The HOLLYWD database exists on a separate server from the NDW Production environment. This server is currently available and utilized for the General, Legacy, Error Tracking, and Data Quality marts, with no additional hardware required at this time.
- The HOLLYWD database contains all data needed for the associated data marts.
- All data within the HOLLYWD database is usually refreshed weekly, but will consistently be refreshed at least monthly (as stipulated in the *Service Level Agreement - HOLLYWD Database and Associated Data Marts*).
- The data in the HOLLYWD database is a copy of live production data. It does not use any scrambling, cleansing, encryption, or other methodologies to disguise patient identifiable data.

- The NDW Program Manager, working in collaboration with the NDW data owner, will specify to the contractor those who will be granted access to which data of the HOLLYWD database and its data marts, as well as the time period during which they will be granted access.
- Access controls are administered that allow users to see (query) data that is appropriate to their authorized level of access.
- Only authorized users will be allowed access to the HOLLYWD database and the data marts.
- Security controls commensurate with those in the production NDW database and adhering to IHS standards, as outlined in separate security documents, are enforced.
- Availability to users is maximized (restricted only to the time it is shut down for data refresh, system maintenance, etc.). This includes 24/7 availability, although support is limited to normal business hours (refer to *Service Level Agreement - HOLLYWD Database and Associated Data Marts*).
- The HOLLYWD database (and its data marts) is enterprise compliant, allowing various environments to access the database, including ODBC, JDBC, OLE, CLI. These are some of the environments and protocols that may be used to access the HOLLYWD database, depending on user needs, access protocols, and environments.
- SAS DB2 connect software has been installed on the server that houses the HOLLYWD database as provided by the Indian Health Service.
- System resources are being monitored online automatically, using Query Patroller. If a query exceeds a reasonable threshold, it can be placed on hold and restarted later.

System Environment

The following sections describe the physical environment of the HOLLYWD database. The HOLLYWD database is designed to meet the expectations of future additional data marts.

Database

Server:	BILBO, 64bit
Database:	HOLLYWD, DB2 Version 9
AIX Version:	5.2
FTP Address:	198.45.1.8
System Access:	Enterprise compliant to allow various environments to access the database, including ODBC, JDBC, OLE, CLI. SAS DB2 connect software is installed on the server that houses the HOLLYWD database, as provided by the IHS.
System Monitoring Tool(s):	IBM DB2 Query Patroller

HOLLYWD Database Schemas / Tables

The HOLLYWD database contains the following schema/tables/data:

Schema	Tables	Data	Description
REG	All	All	Patient Registration data
ENCTR	All	All	Patient Encounter data
ARCHIVE	All	All	Pre-target Patient Registration and Encounter data that failed to promote to target
ERROR	P000_ENCTRSS	All	Primary pre-target encounter table, rejected to ERROR schema

Schema	Tables	Data	Description
ADMIN	EXPORT_INFO	All	Export information
	LOAD_ERRORS_DATA	Subset of LOAD_ERRORS, all reject load errors, transformed for reporting	Contains reasons why Encounter and Registration were moved to ERROR status
	APP_CONFIG_DATA	Subset of APP_CONFIG for export level rejects info	Status of export
REF	All	All	Reference tables for NDW data
META	DW_INFO, TABLES	All	Tables describe the tables and columns used within the NDW

For a complete list of the NDW tables that will be included, see Appendix A.

Note: A reasonable amount of storage space will be provided to the users, to store temporary data sets that result from queries from the embedded data marts.

Security

Only authorized users will be allowed access to the HOLLYWD database and the data marts.

User access is controlled by security for the specific tables, views, and MQTs that comprise the various data marts, such as the General and Data Quality marts.

Data Parameters

HOLLYWD Database

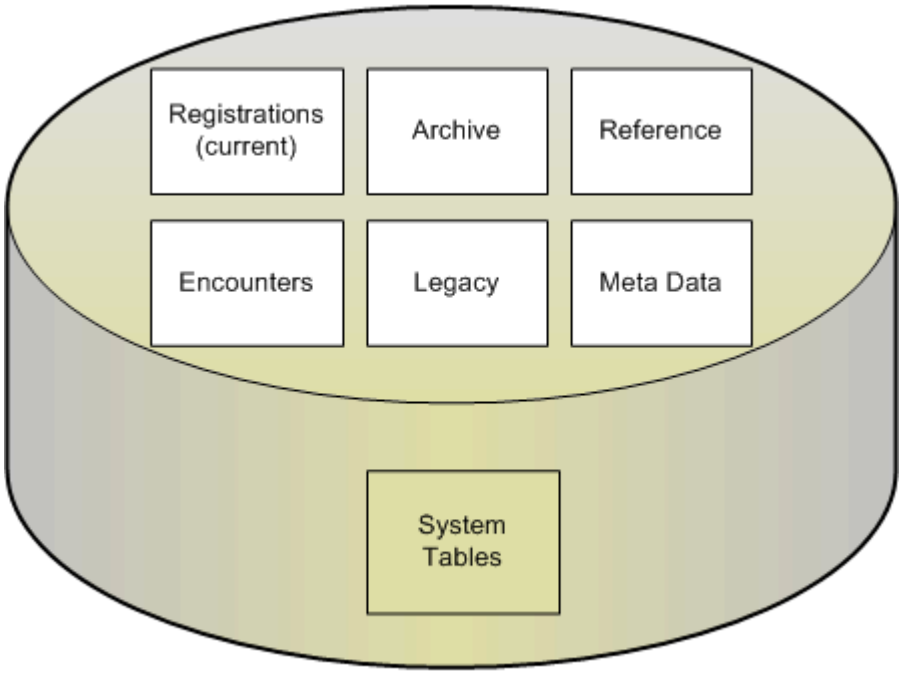
The HOLLYWD database contains all tables as needed for the various data marts:

- A complete set of the NDW target tables (i.e., current versions of the physical structures of the NDW database)
- A complete set of the NDW archive tables (i.e., current versions of the physical structures of the NDW database)

- A complete set of all current registration data records

  Non-current NDW registrations (REG_HIST schema) are not included and are strictly historical. Due to the large volume of this data, the NPIRS staff does not believe that it would be expedient to include this data in HOLLYWD. If there is a need identified in the future for historical registration data, the NPIRS staff will work with the user to determine their exact needs and the appropriate level of required data.
- A complete set of all current and non-current encounter data records
- A complete set of reference tables
- Meta data
- Pertinent legacy tables (for historical data not available in the NDW)

The following figure shows the current HOLLYWD database tables.



HOLLYWD Database Tables

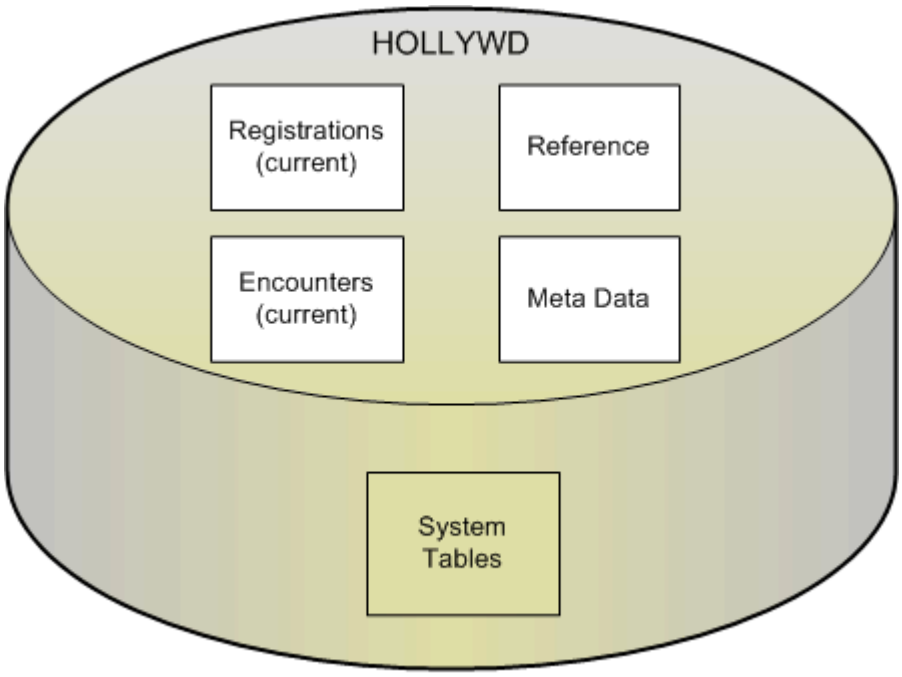
General Data Mart

The General Data Mart is comprised of a set of views, MQTs, and/or tables of the HOLLYWD database, which provides access to the following data:

- Complete set of all current registration data records
- Complete set of all current encounter data records
- Complete set of reference table data
- Meta data, which contains information about tables and columns included in the database

The General Data Mart also supports a number of security views - one for each area - that limits access to data based on the user's associated area. The security views have the same physical structure as the tables they represent. Each schema for each set of security views designate the security level, for example, schema TUC reflects Tucson data only.

The following figure shows the General Data Mart tables, views, and MQTs.



General Data Mart Tables/Views/MQTs

Data Quality Data Mart

The purpose of Data Quality Mart (DQM) is to provide feedback to the suppliers of data to the National Data Warehouse, related to the detection of critical and non-critical errors affecting the quality and completeness of their data. The Data Quality Mart is a collection of easily accessible web-based reports that provide a quantified picture of data problems, as well as enough detail to enable record-level identification of problematic data.

For more information see the *NDW Data Quality Mart Technical Guide*.

Customers may view the rejection records in those data extract files that have been processed into the NDW database via the IHS National Data Warehouse intranet web site:

(http://rohan.d1.na.ihs.gov/businessobjects/enterprise11/InfoView/logon.aspx).

Only authorized users will be allowed access to the Data Quality Mart reports. For more information see the *NDW Data Quality Mart User Guide*.

Since producing user population and workload reports is a core function of NPIRS, the first release of the Data Quality Mart focuses on data errors that have or could have an influence on either report. Like any other structure within NDW, the future growth of the Data Quality Mart will be gradual, and it will evolve around the needs of its users.

Error Tracking Data Mart

The Error Tracking Data Mart is a view of the errors encountered during NDW processing of the registration and encounter records, which is available via a web site developed by the NPIRS team. This view is both historical (for initial load data), as well as dynamic (for incremental load data). The latter is accomplished via SQL created views that pull data from two (2) ADMIN schema tables (ADMIN.LOAD_ERRORS and ADMIN.APP_CONFIG) and one ERROR schema table (ERROR.P000_ENCTRSS).

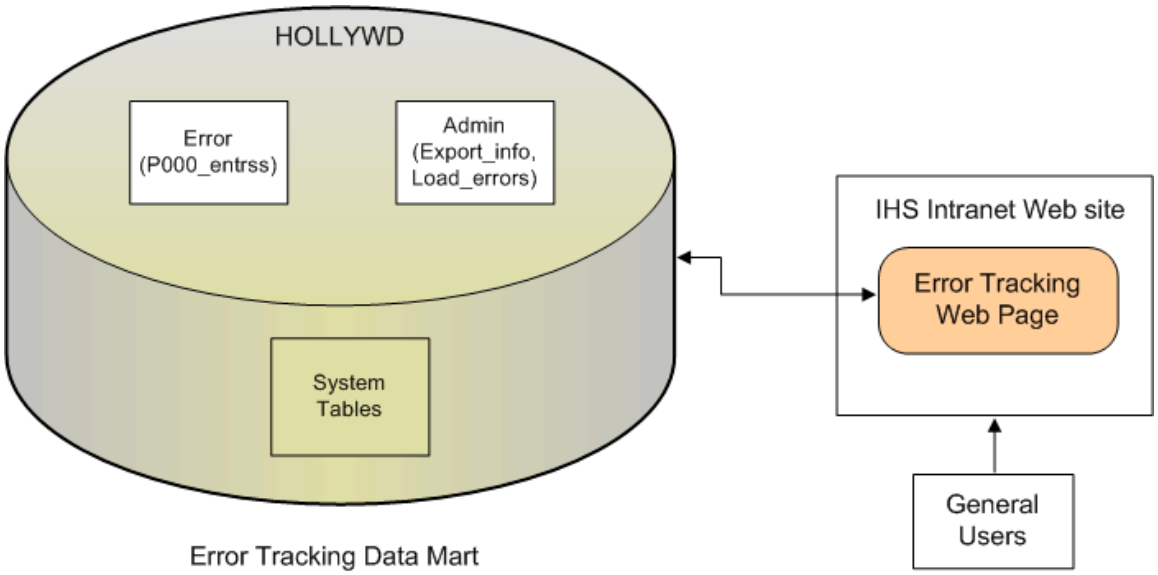
Customers may view the rejection records in those data extract files that have been processed into the NDW database via the IHS National Data Warehouse intranet web site:

(http://rohan.d1.na.ihs.gov/businessobjects/enterprise11/InfoView/logon.aspx).

Guest logins are established to allow access to Export Error Tracking information.

Based on Area and site, the user can view the number of registration and encounter records that have been added, changed, deleted, and rejected per export file sent. Additionally, the user can select the rejected records and view a list of those records and the reason for rejection. A list of the rejected categories, including descriptions and possible actions, is also available. User documentation is available online via a Help function.

The following figure shows the Error Tracking Data Mart view and access via an IHS intranet a web site.



Legacy Data Mart

The Legacy Data Mart was established so that historical data from the NPIRS legacy system would be available for query (only) purposes. Selected legacy tables will be available for query as the Legacy Data Mart within the HOLLYWD database. These are being retained online primarily for authorized users needing access to historical data. The tables are not intended to be utilized to recreate official reports for past fiscal years.

For more information, see the *Legacy Data Mart Getting Started Guide*, Version 1.0 (July 2007).

Data Transfer Process

The HOLLYWD database will be refreshed, at minimum, on a monthly basis. However, due to the large volume of data and the time that would be required to do a complete extract and load each time, an incremental refresh process will be utilized. For an illustration, see Appendix B.

These are the types of extract processes used for the data transfer:

1) EL (Extract Load) extracts the tables inside Sandia into a flat file for subsequent load into another mart.

2) TEL (Transform Extract Load)

    a) A variation of the EL process, TEL builds a flat file from a view or MQT (Materialized Query Table) that pre-exists by performing calculations or transformations with or without joins and/or OLAP (On Line Analytical Processing).

    b) Builds a temporary table in SANDIA with calculations and transforms (with or without joins and/or OLAP), and then extracts these to another mart for load.

All pertinent data in all tables included in the HOLLYWD database will be fully extracted and loaded for the initial load.

During subsequent refresh cycles, the following tables will be fully reloaded:

Schema	Tables	Timing*
REG	All	Weekly
ARCHIVE	All	Daily
ERROR	P000_ENCTRSS	Daily
ADMIN	EXPORT_INFO	Daily
	LOAD_ERRORS_DATA	Daily
	APP_CONFIG_DATA	Daily
REF	All	Daily
META	DW_INFO, TABLES	Weekly
ENCTR	All	Weekly incremental; Quarterly full refresh
ENCTR	All	Weekly incremental; Quarterly full refresh
*Timing is the goal, and may not represent the minimum refresh cycle.		

The specific processes used to update the HOLLYWD tables are as follows:

1) Reference tables:

   a) These tables are currently provided to HOLLYWD through a DB2 federated process. This is basically a process of connecting other databases or data sources through defined connections called crservers or DRDA on an enterprise system. For additional information on federation, go to this web site:

      http://www.redbooks.ibm.com/abstracts/sg244249.html

   b) The Federation is instantaneous from the NDW TEMECULA database that contains all reference tables (REF Schema).

Note: Due to current DB2 version limitations, these federated tables cannot be read directly; therefore, a daily instance owner cron job must be implemented to provide the federated process. This step will be eliminated in the next version of DB2.

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2) ARCHIVE, ADMIN, ERROR, and META schema tables are extracted nightly from the NDW production database and loaded with copy yes factor (a copy yes factor forces a load copy backup to be made during the load process) into the HOLLYWD database.

3) REG schema tables are extracted weekly from the NDW production database and loaded with copy yes factor into HOLLYWD database.

4) ENCTR schema tables are updated weekly by incremental refreshes, using the following methods:

   a) A snapshot is made of all Export Ids received since the last extract.

   b) A snapshot is made of all ENCTR log files since the last extract.

   c) All new ENCTR records received since the last extract from the NDW production database (based on the export id snapshot) are placed in a temporary flat file marked for insert.

   d) A snapshot is made of all ENCTR_HIST records since the last extract.

   e) The temporary insert files are then inserted (also with copy factor yes) into corresponding HOLLYWD ENCTR and ENCTR_HIST tables.

When applying these specific processes to update the HOLLYWD tables, the ENCTR.* tables have a one-to-one correlation to the tables in the NDW production database and use a simple EL process to extract data for HOLLYWD. However, the ENCTR.DX and ENCTR.PROCEDURE tables are retrieved through their respective views, ENCTR.DXV and ENCTR.PROCEDUREV, within the NDW production database; and therefore use a TEL process. The views transform ICD9 codes to a standard format for reporting reasons in these two tables. ENCTR.* tables contain current data, and ENCTR_HIST.* tables contain either non-current data or data marked for delete.

Registration Data

The complete set of NDW **REG** schema tables are extracted to the HOLLYWD database. All columns and rows in the NDW REG schema are included.

Encounter Data

All columns and rows in the NDW **ENCTR** schema are included.

The complete set of NDW ENCTR schema tables are extracted to HOLLYWD. These tables are used as the base tables for the views/MQTs for the various security views

Non-Current Encounter Data

All columns and rows in the NDW **ENCTR_HIST** schema are included.

The complete set of NDW ENCTR_HIST schema tables are extracted to HOLLYWD. This data is not usually used for reports but is made available to National level access users for statistical purposes.

Archive Data

The complete set of NDW **ARCHIVE** schema tables are extracted to the HOLLYWD database. All columns and rows in the NDW ARCHIVE schema are included.

Error Data

All columns and rows in the NDW **ERROR** schema P000_ENCTRSS table are included.

The ADMIN.LOAD_ERRORS data table view is created from the NDW ADMIN.LOAD_ERRORS table but restricted to certain error codes.

Meta Data

All columns and rows in the ADMIN.EXPORT_INFO table are included.

The ADMIN.APP_CONFIG data table is created from the NDW ADMIN.APP_CONFIG table.

All columns and rows in the NDW META schema tables, DW_INFO and TABLES, are included.

All columns and rows in the NDW REF schema reference tables are included.

Appendix A: HOLLYWD Schemas and Tables

Target Tables

Target Tables (REG and ENCTR)

Note: The ENCTR_HIST schema is not shown, since it is the same as the ENCTR schema.

SCHEMA.TABLE	Description
REG.ALIAS	The Alias table contains any aliases by which an individual may be known
REG.CHART	The Chart table contains chart records - one for each facility at which a particular individual may be registered
REG.DEMOGR	The Demographic table contains the demographic information (name, address, SSN, community of residence) about an individual.
REG.INSUR_ELIG	The Insurance Eligibility table contains information about an individual's insurance eligibility.
REG.PAT_MED	The Patient Medical table contains information related to an individual's medical conditions.
REG.PAT_REG	The Patient Registration table, the primary table of the REG schema, contains basic registration information about an individual and the key, REG_ID.
ENCTR.ADA_PROC	The ADA Procedures table contains ADA procedure-specific information (e.g., ADA code, units, fee) for a particular encounter.
ENCTR.CLIN_MEAS	The Clinical Measure table contains clinical measure-specific information (e.g., clinical measure code, result) for a particular encounter.
ENCTR.DX_ICD9*	The Diagnosis ICD9 table contains diagnosis code(s) for a particular encounter.
ENCTR.DX_INJ	The Diagnosis Injury table contains codes related to the cause of the diagnosis and place of injury.
ENCTR.DX_OTH	The Diagnosis Other table contains additional old format injury codes and diagnosis recodes that may be transmitted with the encounter.
ENCTR.ENCTRSS	The Encounters table, the primary table of the ENCTR schema, contains the basic information that most or all encounters provide and the key, ENCTRSS_ID.

SCHEMA.TABLE	Description
ENCTR.ENCTRSS_CONTRACT	The Encounters-Contract table contains detailed health contract-related information for a particular encounter.
ENCTR.ENCTRSS_DENTAL	The Encounters-Dental table contains detailed dental-related information for a particular encounter
ENCTR.ENCTRSS_INPAT	The Encounters-Inpatient table contains detailed inpatient-related information for a particular encounter.
ENCTR.ENCTRSS_MISC	The Encounters-Miscellaneous table contains miscellaneous information (e.g., last menstrual period, urine protein test, number of lab tests done) for a particular encounter.
ENCTR.ENCTRSS_PHN	The Encounters-Public Health Nurse table contains detailed PHN-related information for a particular encounter.
ENCTR.EXAM	The Exam table contains exam-specific information (e.g., IHS exam code) for a particular encounter.
ENCTR.HCPCS_PROC	The HCPCS Procedure table contains HCPCS/CPT-specific information (e.g., HCPCS/CPT code, CPT quantity) for a particular encounter.
ENCTR.HEALTH_FACTOR	The Health Factor table contains health factor-specific information (e.g., health factor name, code, category code) for a particular encounter.
ENCTR.IMMUN	The Immunization table contains immunization-specific information (e.g., IHS immunization code, HL7 immunization, formulation codes) for a particular encounter.
ENCTR.LAB_TEST	The Lab Test table contains lab test-specific information (e.g., lab test name, result, LOINC code) for a particular encounter.
ENCTR.MEDICATION	The Medication table contains medication-specific information (e.g., medication name, quantity, NDC code) for a particular encounter.
ENCTR.PAT_EDUCATION	The Patient Education table contains patient education-specific information (e.g., education code, length of time) for a particular encounter.
ENCTR.PAT_SKIN_TEST	The Patient Skin Test table contains skin test-specific information (e.g., skin test code, result code) for a particular encounter.
ENCTR.PROCEDURE_ICD9 *****	The Procedure ICD0 table contains the procedure ICD9 code and date for a particular encounter.
ENCTR.PROCEDURE_OTH	The Procedure Other table contains additional procedure-specific information (e.g., provider affiliation, discipline codes) for a particular encounter.
ENCTR.PROVIDER_CODE	The Provider Code table contains provider identifier code information (e.g., provider affiliation, discipline codes) for a particular encounter.

SCHEMA.TABLE	Description
ENCTR.PROVIDER_OTH	The Provider table contains additional provider-specific information (e.g., X12 codes and EIN) for a particular encounter.
ENCTR.TEETH	The Teeth table contains teeth-specific information (e.g., tooth surface, operative site codes) for a particular encounter.

*****ICD9 Diagnosis and Procedure codes are transformed prior to the extract and load.

Error Tables (ERROR Schema)

SCHEMA.TABLE	Description
ERROR.P000_ENCTRSS	P000 Error Table

Administrative Tables (ADMIN Schema)

SCHEMA.TABLE	Description
ADMIN.EXPORT_INFO	Exported Data Information Table
ADMIN.LOAD_ERRORS_DATA	ETL Load Errors Table
ADMIN.APP_CONFIG_DATA	Application Configuration Table. By export box ASUFAC, track application processing information about the export files.

Reference Tables

The Reference tables (REF Schema) physically reside in the TEMECULA database on a separate server. The Reference tables are federated to the HOLLYWD database and are nicknamed **NICK.***TABLENAME*, where *TABLENAME* is the same table name; for example, NICK.ADA

TABLE	Description
ADA	ADA Code Lookup Table
ADMISSION	Admission Codes (SCB)
AFFILIATION	Provider Affiliation Codes (Dir SCS)
APC_RECODE	APC Recodes (SCB)
AREA	Area Codes (SCB)
BENEF_CLASS	Classification Codes (SCB)
BLOOD_QUANTUM	Blood Quantum Codes (SCB)
CHS_INP_DISPOS	CHS Inpatient Disposition Code Lookup Table

TABLE	Description
CLINIC	Clinic Codes (SCB)
CLINICAL_MEASURE	Measurement Type Codes (Dir SCS)
COMMUNITY	Community Codes (SCB)
COUNTY	County Codes (SCB)
DAY_OF_WEEK	Day of Week Code Lookup Table
DEN_PATIENT_TYPE	Dental Patient Type Code Lookup Table
DENTAL_DELIVERY	Dental Delivery Code Lookup Table
DENTAL_OPSITE	Dental Op Site Code Lookup Table
DISCHARGE_TYPE	Discharge Type Code Lookup Table
DX_CAUSE	Diagnosis Cause Code Lookup Table
EDUC_UNDERSTAND	Education Level of Understanding Code Lookup Table
EDUCATION	Patient Education Protocol (Education Topics) (SCB)
ER_DISPOS	ER Disposition Code Lookup Table
ERROR_CATEGORY	Error Category Code Lookup Table
EXAM_IHS	Exam Codes (Dir SCS)
FAC_LOC_TYPE	Facility Location Type Code Lookup Table
FACILITY	Facility Codes (SCB)
FACILITY_TYPE	Facility Type Code Lookup Table
GENDER	Gender Code Lookup Table
HL7_IMMUN_CVX	HL7 Immunization CVX Code Lookup Table
HL7_IMMUN_MVX	HL7 Immunization MVX Code Lookup Table
HL7_IMMUNIZATION	HL7 Immunization / IHS Immunization Xref Table
ICD9_DISEASE_CLASS_XREF	ICD9 / Disease Class Cross-Reference Table
ICD9_DX	ICD9 Diagnosis Codes (SCB)
ICD9_EXT_INJ_CAUSE	Cause of Injury Codes (External Cause) (SCB)
ICD9_INP_XREF	ICD9 / Inpatient Cross-Reference Table Code Lookup Table
ICD9_PROC	ICD9 Procedure Codes (SCB)
ICD9_PROC_CLASS_XREF	ICD9 Procedure Class Cross-Reference Code Lookup Table
IHS_IMMUNIZATION	IHS Immunization Code Lookup Table
INJURY_PLACE	Place of Injury Codes (SCB)
INP_DISPOS	Inpatient Disposition Code Lookup Table
INP_RECODE	Inpatient Recode Code Lookup Table
INP_RECODE_CLASS_XREF	Inpatient Recode / Class Cross-Reference Table
INSURANCE_CAT	Insurance Category Code Lookup Table
LOINC	LOINC Code Lookup Table
MED_COND_CAT	Medical Condition Category Code Lookup Table
OLD_INJ_CAUSE	Old Cause of Injury Code Lookup Table

TABLE	Description
OLD_INJ_PLACE	Old Place of Injury Code Lookup Table
PAY	Pay Code Lookup Table
PHN_ACTIVITY	PHN Activity Code Lookup Table
PHN_INTERV_LEVEL	PHN Level of Intervention Code Lookup Table
PHN_PROB_ICD9_XREF	PHN Problem / ICD9 Cross-Reference Table
PHN_PROBLEM	PHN Problem Code Lookup Table
PHN_PROG_AREA	PHN Program Area Code Lookup Table
PROV_X12_CLASS	X12 Provider Class Code Lookup Table
PROV_X12_SPEC	X12 Provider Specialty Code Lookup Table
PROV_X12_TYPE	X12 Provider Type Code Lookup Table
PROVIDER_DISC	Services Rendered By (Provider) Codes (SCB)
PROVIDER_TYPE	Type of Provider (Vendor) Codes (SCB)
RECORD	Record Code Lookup Table
REGION	Region Code Lookup Table
RESERVATION	Reservation Codes (SCB)
RPT_DELIN	Report Delineation Code Lookup Table
SERVICE	Clinical Service Codes (SCB)
SERVICE_LEVEL	Service Level Code Lookup Table
SERVICE_UNIT	Service Unit Codes (SCB)
SKIN_TEST	Skin Test Code Lookup Table
SKIN_TEST_RESULT	Skin Test Result Code Lookup Table
SRC_SYSTEM	Source System Code Lookup Table
SSN_LOCAL_VERIF	SSN Local Verification Code Lookup Table
STATE	State Codes (SCB)
STATUS	Status Code Lookup Table
SVC_CATEGORY	Service Category Code Lookup Table
SVC_ELIG	Service Eligibility Code Lookup Table
SVC_TYPE	Service Type Code Lookup Table
TRIBE	Tribe Codes (SCB)
VA_DRUG_CLASS	VA Drug Class Code Lookup Table

Metadata Tables (META Schema)

SCHEMA.TABLE	Description
META.DW_INFO	Data Warehouse Information Table
META.TABLES	Tables List Table

Legacy Tables (LEGACY Schema)

SCHEMA.TABLE	Description
LEGACY.APC	Ambulatory Patient Care encounters
LEGACY.CHART	Patient Charts
LEGACY.CHSINP	Contract Inpatient Encounters
LEGACY.CHSOUT	Contract Outpatient Encounters
LEGACY.COUNTS	Counts of file content (encounter), used for reporting / status.
LEGACY.CPT_CODES	CPT Codes (for encounters)
LEGACY.CUTOFF	Official cutoff dates for userpop/workload reporting
LEGACY.DATA_XREF	Encryption table
LEGACY.DEMOGRAPHIC	Patient Demographic data
LEGACY.DENTAL	Dental Encounters
LEGACY.DETAIL_CNTS	Detail counts of file content (encounters), used for reporting / status
LEGACY.ELIGIBILITY2	Eligibility status information about a patient and may have multiple records per patient
LEGACY.INPATIENT	Inpatient Encounters
LEGACY.INPUT_FILES	Export file data (receipt, processing dates, etc.)
LEGACY.MEDICATIONS	Medication data for encounters
LEGACY.OTHER_PCC_DATA	Encounters other than direct APC/Inpatient, Contract, Outpatient/Inpatient, or Dental
LEGACY.PATIENT	Base patient information
LEGACY.PCC_GPRA_ORYX	Clinical data related to past GPRA and ORYX information
LEGACY.REG_COUNTS	Detail counts of file content (registration), used for reporting/status
LEGACY.REG_REC_ID	Unique Registration Codes
LEGACY.USERPOP	1998 and prior
LEGACY.USERPOP2	1998 forward (diff format than UserPop)

Appendix B: Refresh Process